

McNees Wallace & Nurick LLC
attorneys at law

RECEIVED
CENTRAL FAX CENTER

MAR 02 2005

Routing #393
Client #21723-0002

FAX COVER LETTER

DATE: March 2, 2005

PLEASE DELIVER THE FOLLOWING PAGES:

TO: Mail Stop Amendment
Examiner: Leonard R. LEO
Art Unit: 3753

FAX: (703) 872-9306

FROM: K. Scott O'Brian

Direct Dial: (717) 237-5492

TOTAL NUMBER OF PAGES, INCLUDING THIS COVER LETTER: 15

MESSAGE:

Please acknowledge receipt of documents.

Transmittal Form
Certificate of Fax Transmittal
Response Under 37 C.F.R. 1.111 (12 pages)

Attorney Docket No.: 21723-0002
Application No.: 10/643,689
Filed: August 19, 2003

FAX NUMBER: (717) 237-5300

PARALEGAL RESPONSIBLE: Kimberly A. Newell TELEPHONE: (717) 237-5239

*****CONFIDENTIALITY NOTE*****

The information and documents accompanying this transmission contain information from the law firm of McNees Wallace & Nurick LLC which is confidential and/or legally privileged. The information is intended solely for the use of the individual or entity named on this transmission sheet. If you are not the designated recipient, you are hereby notified that any disclosure, copying, distribution or taking of any action in reliance on the contents of this information is prohibited.

If you have received this transmission in error, please notify us by telephone immediately so that we can arrange for the return of the original documents to us at no cost to you and with reimbursement for cost you may have incurred in responding to this notification.

PTO/CD/07100-001

Approved for use through 07/01/2005 OMB 0591-0001

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

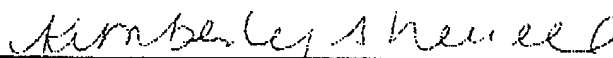
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile
transmitted to the United States Patent and Trademark Office

on March 2, 2005.

Date



Signature

Kimberly A. Newell

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this
certificate must identify each submitted paper.

Transmittal Form

Response Under 37 C.F.R. 1.111 (12 pages)

Certificate of Fax Transmittal

Attorney Docket No.: 21723-0002

Application No.: 10/643,689

Filed: August 19, 2003

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

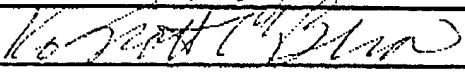
PTO/SB/21 (2-04)

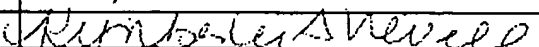
Approved for use through 07/31/2006. CMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/643,689
		Filing Date	August 19, 2003
		First Named Inventor	WAND et al.
		Art Unit	3753
		Examiner Name	Leonard R. LEO
Total Number of Pages in This Submission	15	Attorney Docket Number	21723-0002

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Certificate of Fax Transmittal
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	McNees Wallace & Nurick LLC K. Scott O'Brian, Attorney Reg. No. 42,946
Signature	
Date	March 2, 2005

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Kimberly A. Newell		
Signature		Date	March 2, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

Application No. 10/643,689
Attorney Docket No. 21723-0002

**RECEIVED
CENTRAL FAX CENTER**

MAR 02 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: WAND et al. :
: :
Application No.: 10/643,689 : Group Art Unit: 3753
: :
Filed: August 19, 2003 : Examiner: Leonard R. LEO
: :
For: PLATE HEAT EXCHANGER WITH ENHANCED SURFACE FEATURES

RESPONSE UNDER 37 C.F.R. 1.111

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please consider the following Response for the above-referenced Application.

A) INTRODUCTORY COMMENTS

This Response is filed in response to the Office Action dated February 8, 2005.

The **Amendments to the Specification** section begins on page 2 of this Response.

The **Amendments to the Claims** section begins on page 3 of this Response and any amendments to the claims are reflected in the listing of the claims included therein.

The **Amendments to the Drawings** section begins on page 8 of this Response.

The **Remarks/Arguments** section begins on page 9 of this Response.